



UNIVERSITY  
of HAWAII®  
MĀNOA

College of Tropical Agriculture and Human Resources  
Dept. of Natural Resources and Environmental Management

**Postdoctoral Fellowship in Ecohydrology, Department of Natural Resources and Environmental Management, University of Hawaii, Manoa**

A postdoctoral fellowship in ecohydrology in the Department of Natural Resources and Environmental Management at University of Hawaii, Manoa, is expected to be available beginning May 2016, contingent upon funding from the U.S. Geological Survey National Climate Change and Wildlife Science Center (NCCWSC). The fellow will be expected to conduct applied research related to ecohydrology and with application to freshwater ecosystems and natural resources management.

**Project Description:** The fellow will conduct research that addresses the needs for understanding hydrologic conditions in the main Hawaii islands and their relationships to Hawaii stream ecosystems. The goal of the research to be conducted by the fellow is to improve our understanding of hydrological conditions to support Hawaii stream habitats for freshwater species facing climate changes. The fellow will be expected to work with collaborators (including members of the NCCWSC) and incorporate stakeholder input into products. The anticipated outcome of this work is the development of actionable science for natural resources managers for managing freshwater habitats and water resources in Hawaii.

**Fellowship Details:** Competitive stipend will be provided. One year fellowship with potential to extend to at least two years based on performance

**Qualifications and Application Instructions:** Competitive applicants will be highly motivated and independent, willing to work collaboratively with stakeholders, and have experience with many of the following: statistics, hydrology, GIS, hydrological modeling, and species distribution model (SDM). Preference will be given to applicants with publication experience; programming experience in R, FORTRAN, or Matlab; and knowledge of hydrology and aquatic ecology. The following materials are required for the application: 1) cover letter describing general research interests and specific experiences; 2) C.V.; 3) a 1-page writing sample; 4) transcripts (unofficial ok); and 5) list of two references with contact information (email, phone, address). Interested individuals should email above information in one pdf file to Dr. Yin-Phan Tsang by April 22nd, 2016.

Please direct correspondence to:

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